

# Converting Colors

Hex(DC505D)

Have a look what the booklet for  
Hex(DC505D) contains.

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# Color

**Hex(DC505D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC505D
RGB	220, 80, 93
RGB Percent	86%, 31%, 36%
CMY	0.1373, 0.6863, 0.6353
CMYK	0.00, 0.64, 0.58, 0.14
HSL	354°, 67%, 59%
HSV	354°, 64%, 86%
XYZ	34.3596, 21.7433, 12.7418
YIQ	123.3420, 79.2670, 33.7230

# Conversions

## Conversions Part 2

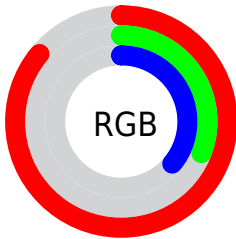
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">220, 80, 93</a>
Decimal	<a href="#">14438493</a>
CIELab	<a href="#">53.75, 55.52, 22.44</a>
CIElCh	<a href="#">54, 59.884, 22.006</a>
Yxy	<a href="#">21.7433, 0.4991, 0.3158</a>
Android (android.graphics.Color)	<a href="#">4292628573 (0xFFDC505D)</a>
YUV	<a href="#">123.3420, -14.9586, 84.7691</a>
Hunter-Lab	<a href="#">46.6297, 49.9279, 16.4394</a>

# Details

The Hex color **DC505D** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **50DCCF**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF878F**, and **9F0E2F** is the 20% darker color. If you saturate the color by 10%, you get **DC3A49**, and if you desaturate by 10%, it is **DC6671**.

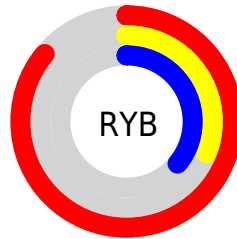
# Distribution



Red (86%)

Green (31%)

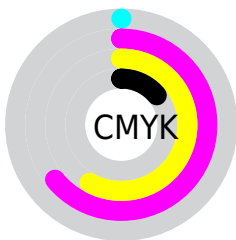
Blue (36%)



Red (86%)

Yellow (31%)

Blue (36%)

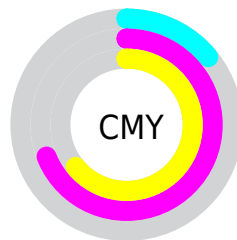


Cyan (0%)

Magenta (64%)

Yellow (58%)

Black (14%)



Cyan (14%)

Magenta (69%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC505D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color DC505D by changing the saturation by 10% instead.



 DC505D

 DC505D

FFFFFF

 BD3346

 FF878F

 9F0E2F

 FFA3AA

 81001B

 FFC0C5

 640000

 FFDDE1

 470001

 FFFAFD

 290001

 000000

 DC505D

 DC505D

 DC3A49

 DC6671

 DC2435

 DC7C85

 DC0E21

 DC9299

 DC0014

 DCA8AD

 DCBEC1

 DCD4D5

 DCEAE9

 DCFFFD

 DCFFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D64E91



DC505D



C9642F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DC505D



2E933D



008BE7

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



DC505D



50DCCF

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0095D1



DC505D



009870

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DC505D



75890C



0098A6



6479E1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DC505D



B37212



0098A6



008FE3



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



DC505D



FFCFD3



CE50DC



806265



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



DC505D



FF3D4F



DC8850



6E6364



AD0010



2E0004



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DC505D



FF3D4F



50A4DC



6E6364



AD0010

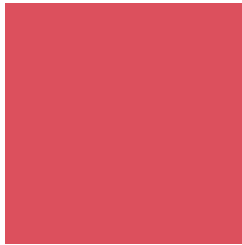


2E0004



# Previews

## White Background



This preview shows how the Hex color DC505D looks on a white background.

## Color Contrast Check

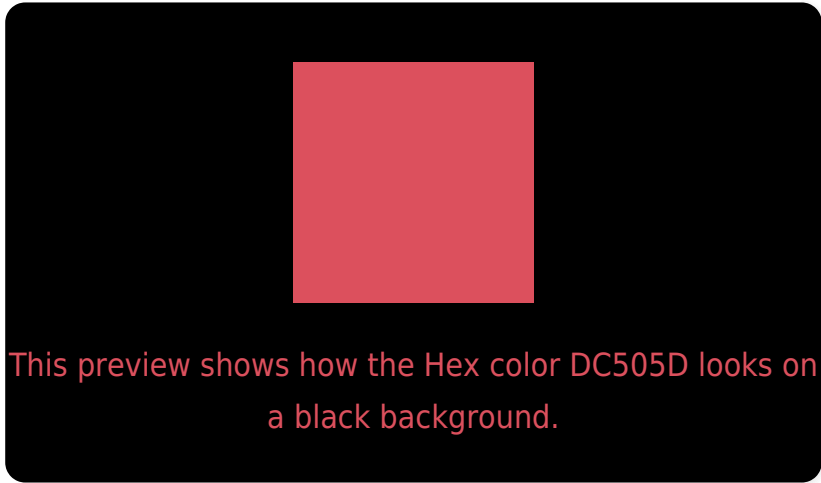
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DC505D Background



This preview shows how black text looks on a background with the Hex color DC505D.

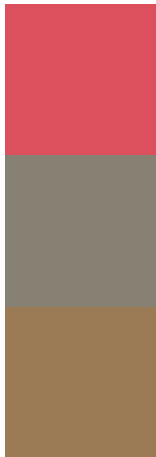


This preview shows how white text looks on a background with the Hex color DC505D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
DC505D

**Protanopia**  
868173

**Deuteranopia**  
9B7B56



# Trichromacy



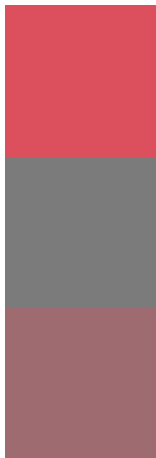
**Original Color**  
DC505D

**Protanomaly**  
A56F6B

**Deuteranomaly**  
B36B59

**Tritanomaly**  
DC5159

# Monochromacy



**Original Color**  
DC505D

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
9E6B70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC505D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #DC505D looks like.

```
.text, #text, p{  
    color:#DC505D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #DC505D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC505D
}
```

## Border

The CSS property to change the border of an element to Hex DC505D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#DC505D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#DC505D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #DC505D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC505D; -webkit-box-shadow:4px 4px  
4px 4px #DC505D; box-shadow:4px 4px 4px  
4px #DC505D }
```

# Background

The CSS property to change the background color of an element to Hex DC505D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC505D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#DC505D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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